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FIG. 2A

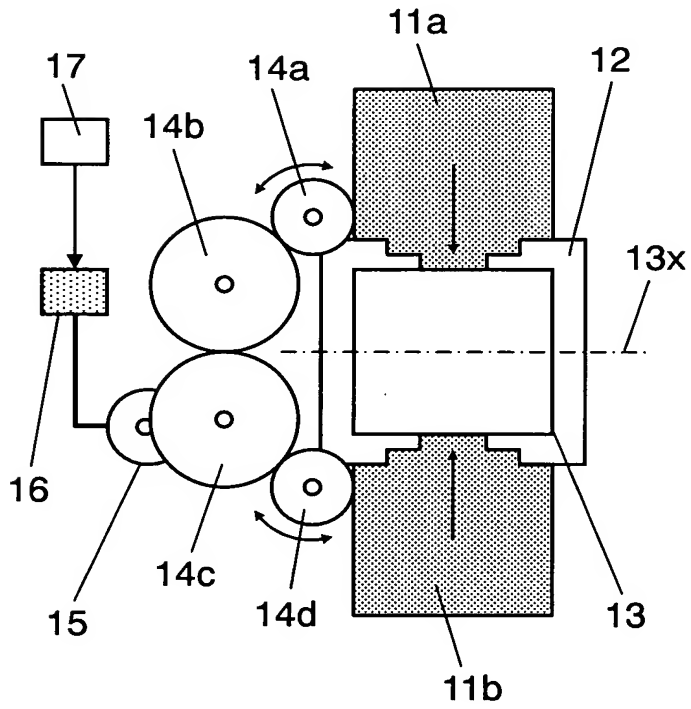
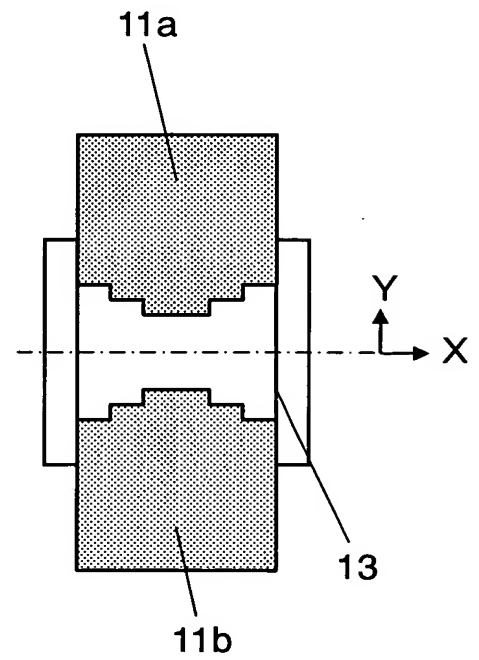


FIG. 2B



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FIG. 3

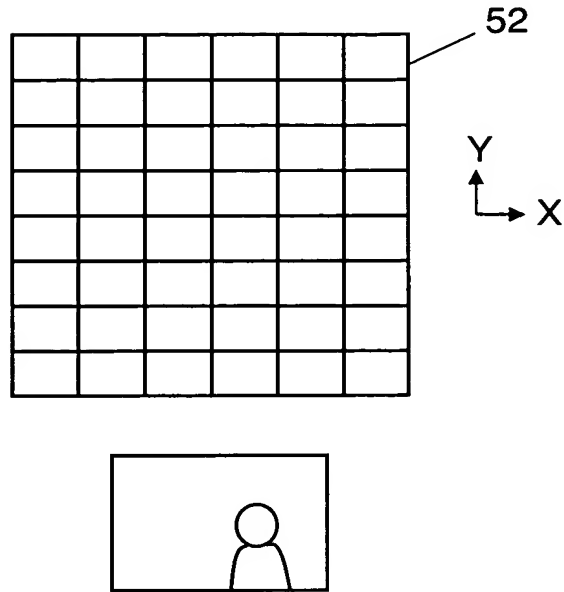
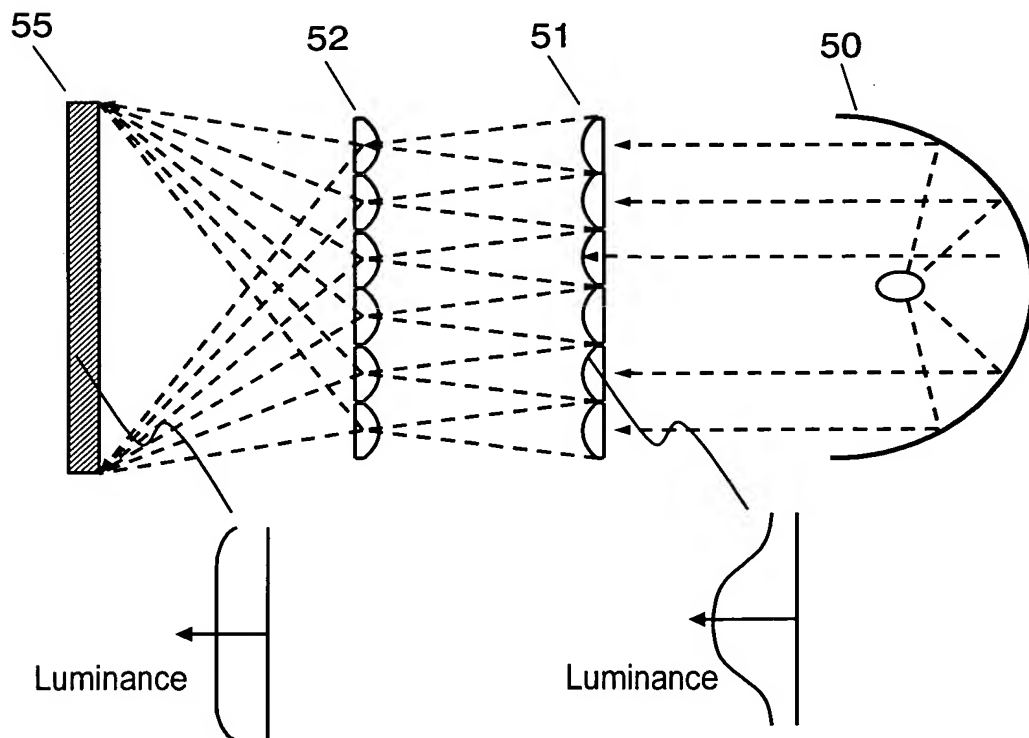


FIG. 4



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FIG. 5A

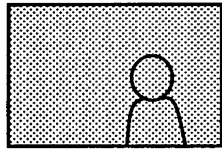
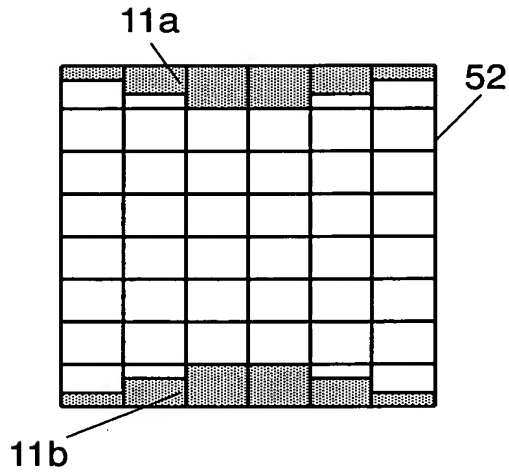
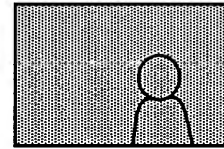
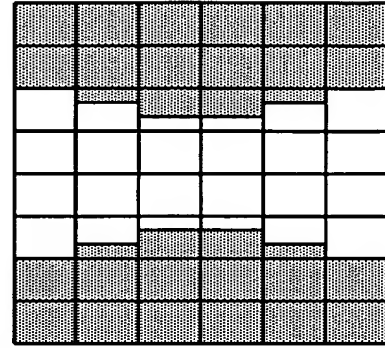
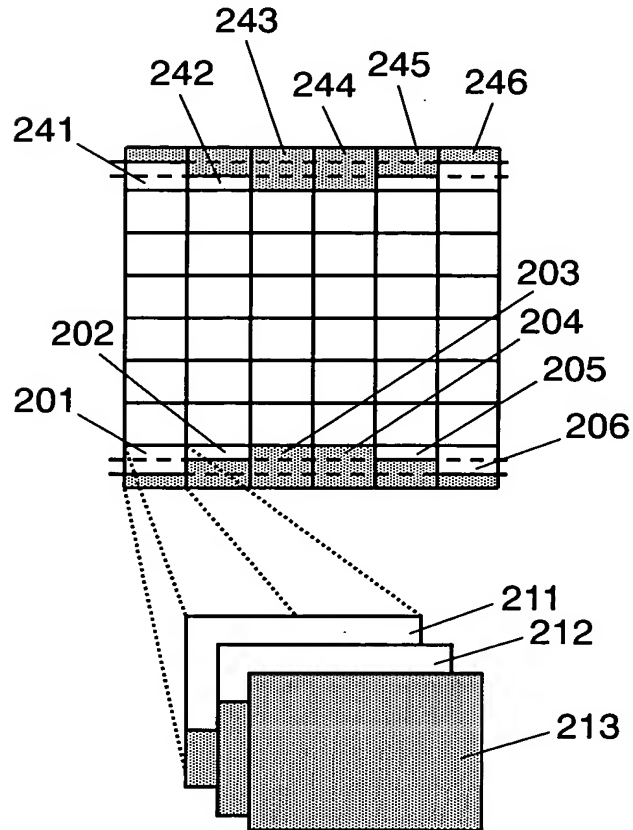


FIG. 5B



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FIG. 6



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FIG. 7A

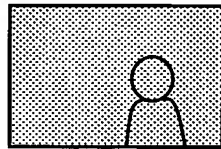
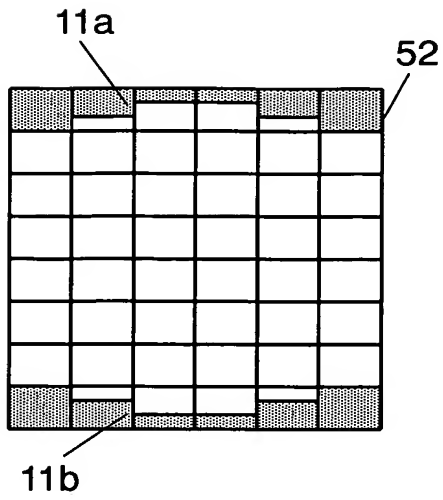
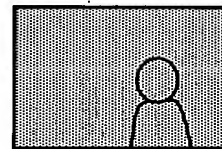
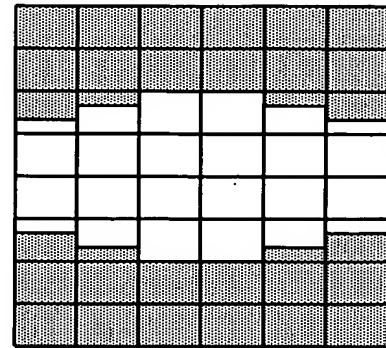


FIG. 7B



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FIG. 8A

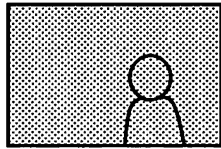
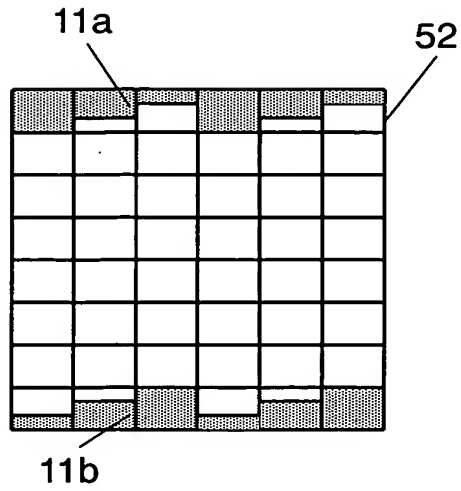
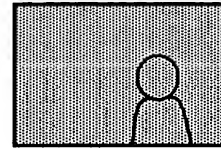
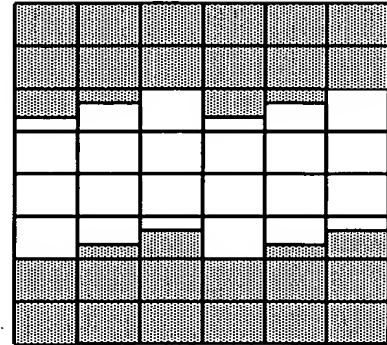


FIG. 8B



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FIG. 9A

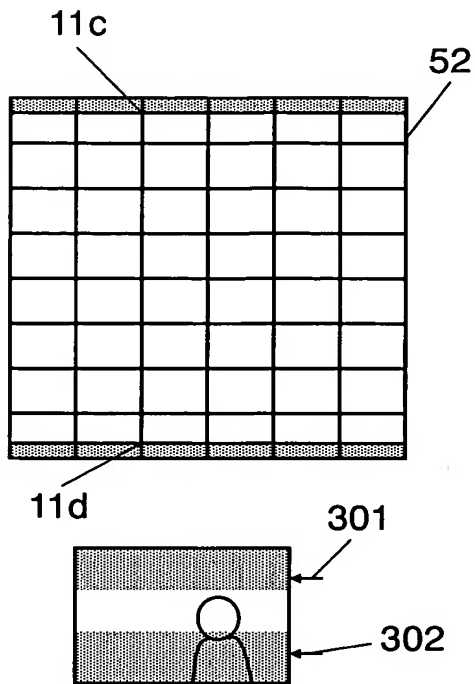
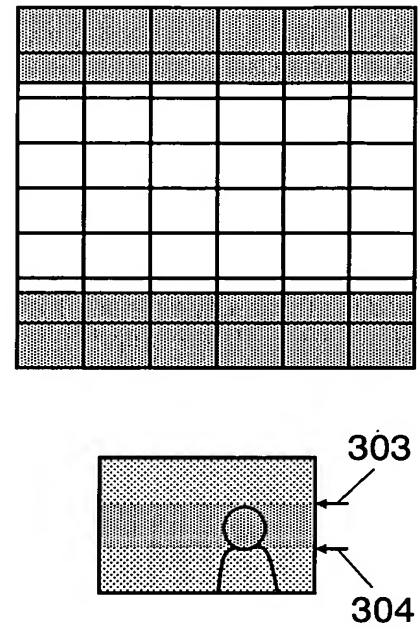


FIG. 9B



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FIG. 10A

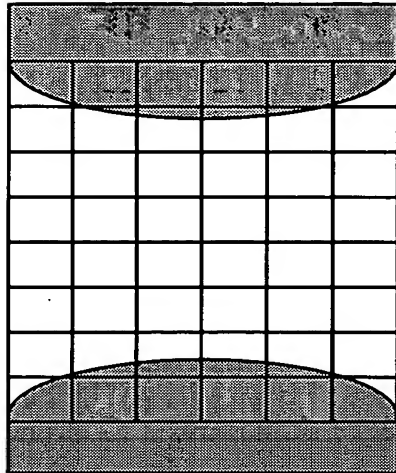


FIG. 10B

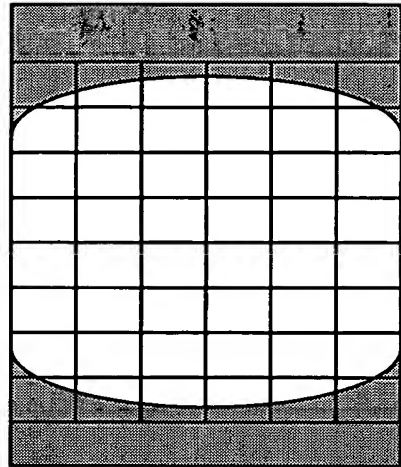
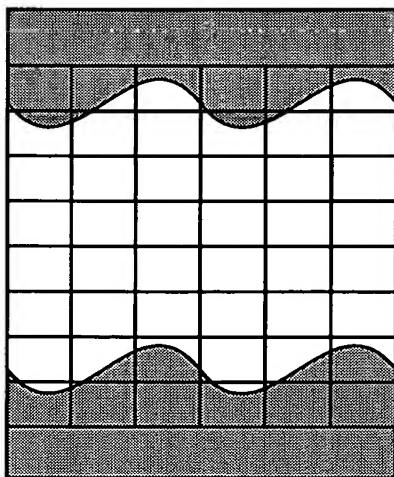


FIG. 10C



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FIG. 11A

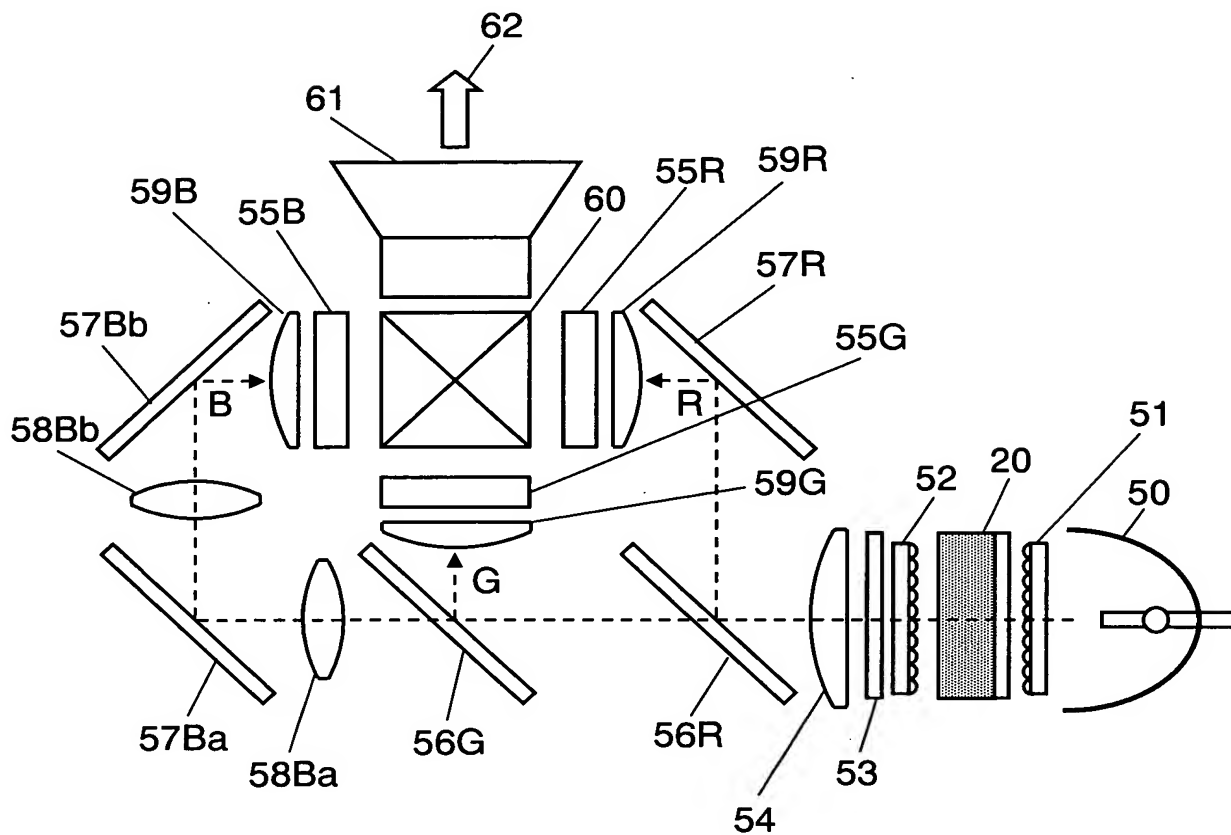
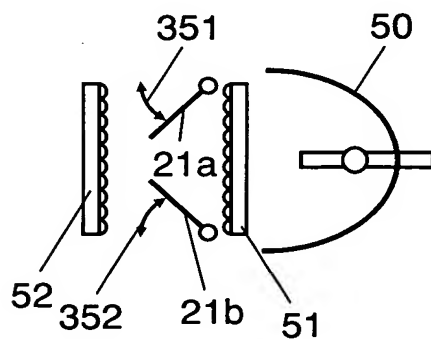
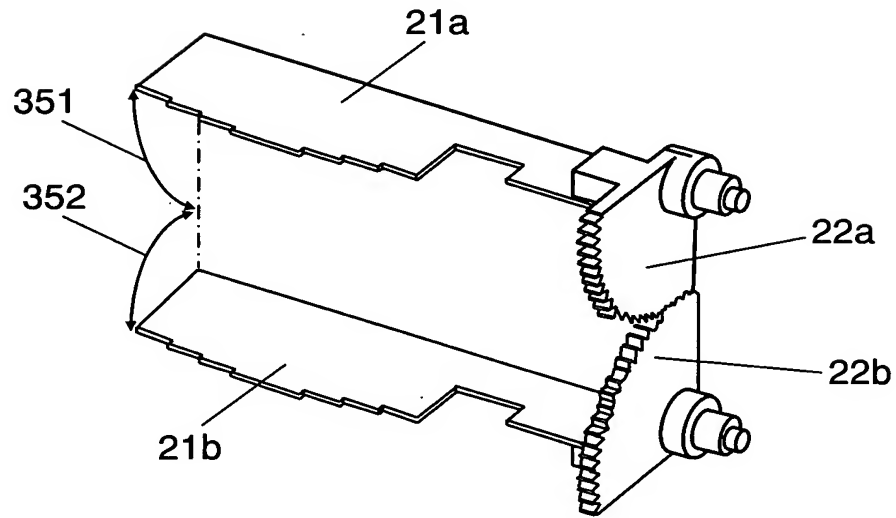


FIG. 11B



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FIG. 12



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FIG. 13

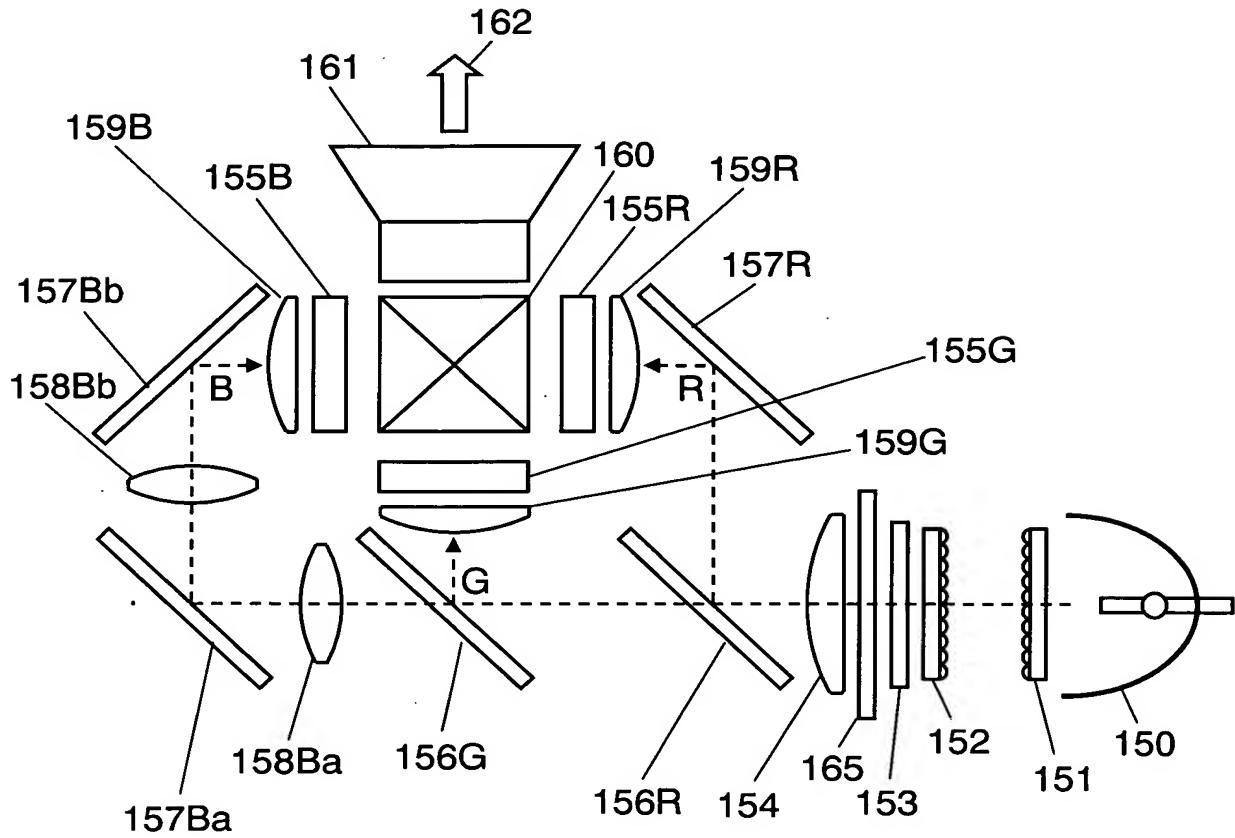
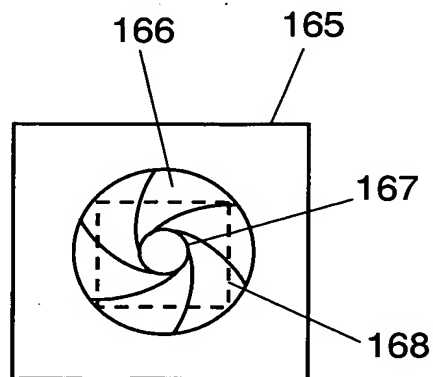


FIG. 14



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Reference numerals in the drawings

1, 20	Diaphragm mechanism
11a, 11b, 11c, 11d, 21a, 21b	Diaphragm blade
12	Frame
13	Opening
13x	Height of center position of opening
14a, 14b, 14c, 14d, 22a, 22b	Gear
15	Motor
16	Motor controller
17	Brightness detecting apparatus
50	Lamp
51	First lens array
52	Second lens array
53	Polarization change element
54	Superimpose lens
55R, 55G, 55B	Liquid crystal panel
56R, 56G	Dichroic mirror
57R, 57Ba, 57Bb	Total reflection mirror
58Ba, 58Bb	Relay lens
59R, 59G, 59B	Field lens
60	Cross prism
61	Projection lens